

REPORT DOCUMENTATION PAGE			Form Approved OMB NO. 0704-0188		
<p>The public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA, 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.</p> <p>PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS.</p>					
1. REPORT DATE (DD-MM-YYYY) 20-10-2015		2. REPORT TYPE Final Report		3. DATES COVERED (From - To) 13-Aug-2015 - 12-Dec-2015	
4. TITLE AND SUBTITLE Final Report: 2015 Soft Condensed Matter Physics: Self-Assembly and Active Matter GRC/GRS			5a. CONTRACT NUMBER W911NF-15-1-0551		
			5b. GRANT NUMBER		
			5c. PROGRAM ELEMENT NUMBER 611102		
6. AUTHORS Dr. Seth Fraden, Dr. Jean-Francois Joanny			5d. PROJECT NUMBER		
			5e. TASK NUMBER		
			5f. WORK UNIT NUMBER		
7. PERFORMING ORGANIZATION NAMES AND ADDRESSES Gordon Research Conferences, Inc. 512 Liberty Lane West Kingston, RI 02892 -1502			8. PERFORMING ORGANIZATION REPORT NUMBER		
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS (ES) U.S. Army Research Office P.O. Box 12211 Research Triangle Park, NC 27709-2211			10. SPONSOR/MONITOR'S ACRONYM(S) ARO		
			11. SPONSOR/MONITOR'S REPORT NUMBER(S) 66694-MS-CF.1		
12. DISTRIBUTION AVAILABILITY STATEMENT Approved for Public Release; Distribution Unlimited					
13. SUPPLEMENTARY NOTES The views, opinions and/or findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other documentation.					
14. ABSTRACT The Gordon Research Conference on Soft Condensed Matter Physics was held at Colby-Sawyer College in New London, NH from August 9th-14th. The Conference was well-attended with 177 participants (attendees list attached). The attendees represented the spectrum of endeavor in this field coming from academia, industry, and government laboratories, both U.S. and foreign scientists, senior researchers, young investigators, and students. Of the 177 attendees, 74 voluntarily responded to a general inquiry regarding ethnicity which appears on our registration forms. Of the 74 respondents, 14% were Minorities, 0% Hispanic, 14% Asian and 0% African.					
15. SUBJECT TERMS Final Report					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT UU	18. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON Seth Fraden
a. REPORT UU	b. ABSTRACT UU	c. THIS PAGE UU			19b. TELEPHONE NUMBER 781-736-2888

Report Title

Final Report: 2015 Soft Condensed Matter Physics: Self-Assembly and Active Matter GRC/GRS

ABSTRACT

The Gordon Research Conference on Soft Condensed Matter Physics was held at Colby-Sawyer College in New London, NH from August 9th-14th. The Conference was well-attended with 177 participants (attendees list attached). The attendees represented the spectrum of endeavor in this field coming from academia, industry, and government laboratories, both U.S. and foreign scientists, senior researchers, young investigators, and students. Of the 177 attendees, 74 voluntarily responded to a general inquiry regarding ethnicity which appears on our registration forms. Of the 74 respondents, 14% were Minorities – 0% Hispanic, 14% Asian and 0% African American. Approximately 29% of the participants at the 2015 meeting were women.

Enter List of papers submitted or published that acknowledge ARO support from the start of the project to the date of this printing. List the papers, including journal references, in the following categories:

(a) Papers published in peer-reviewed journals (N/A for none)

Received

Paper

TOTAL:

Number of Papers published in peer-reviewed journals:

(b) Papers published in non-peer-reviewed journals (N/A for none)

Received

Paper

TOTAL:

Number of Papers published in non peer-reviewed journals:

(c) Presentations

Number of Presentations:

Non Peer-Reviewed Conference Proceeding publications (other than abstracts):

Received Paper

TOTAL:

Number of Non Peer-Reviewed Conference Proceeding publications (other than abstracts):

Peer-Reviewed Conference Proceeding publications (other than abstracts):

Received Paper

TOTAL:

Number of Peer-Reviewed Conference Proceeding publications (other than abstracts):

(d) Manuscripts

Received Paper

TOTAL:

Number of Manuscripts:

Books

Received Book

TOTAL:

TOTAL:

Patents Submitted

Patents Awarded

Awards

Graduate Students

<u>NAME</u>	<u>PERCENT SUPPORTED</u>
FTE Equivalent:	
Total Number:	

Names of Post Doctorates

<u>NAME</u>	<u>PERCENT SUPPORTED</u>
FTE Equivalent:	
Total Number:	

Names of Faculty Supported

<u>NAME</u>	<u>PERCENT SUPPORTED</u>
FTE Equivalent:	
Total Number:	

Names of Under Graduate students supported

<u>NAME</u>	<u>PERCENT SUPPORTED</u>
FTE Equivalent:	
Total Number:	

Student Metrics

This section only applies to graduating undergraduates supported by this agreement in this reporting period

The number of undergraduates funded by this agreement who graduated during this period:

The number of undergraduates funded by this agreement who graduated during this period with a degree in science, mathematics, engineering, or technology fields:.....

The number of undergraduates funded by your agreement who graduated during this period and will continue to pursue a graduate or Ph.D. degree in science, mathematics, engineering, or technology fields:.....

Number of graduating undergraduates who achieved a 3.5 GPA to 4.0 (4.0 max scale):.....

Number of graduating undergraduates funded by a DoD funded Center of Excellence grant for Education, Research and Engineering:.....

The number of undergraduates funded by your agreement who graduated during this period and intend to work for the Department of Defense

The number of undergraduates funded by your agreement who graduated during this period and will receive scholarships or fellowships for further studies in science, mathematics, engineering or technology fields:

Names of Personnel receiving masters degrees

NAME

Total Number:

Names of personnel receiving PHDs

NAME

Total Number:

Names of other research staff

NAME

PERCENT SUPPORTED

FTE Equivalent:

Total Number:

Sub Contractors (DD882)

Inventions (DD882)

Scientific Progress

Technology Transfer



founded in 1931

GORDON RESEARCH CONFERENCES *frontiers of science*

512 LIBERTY LANE, WEST KINGSTON, RI 02892

WORLD WIDE WEB: <http://www.grc.org>

Nancy Ryan Gray, Ph.D.

President and Chief Executive Officer

GORDON RESEARCH CONFERENCES

Soft Condensed Matter Physics – 2015

FINAL PROGRESS REPORT

Army Research Office

Grant Number W911NF-15-1-0551

The Gordon Research Conference on Soft Condensed Matter Physics was held at Colby-Sawyer College in New London, NH from August 9th-14th. The Conference was well-attended with 177 participants (attendees list attached). The attendees represented the spectrum of endeavor in this field coming from academia, industry, and government laboratories, both U.S. and foreign scientists, senior researchers, young investigators, and students. Of the 177 attendees, 74 voluntarily responded to a general inquiry regarding ethnicity which appears on our registration forms. Of the 74 respondents, 14% were Minorities – 0% Hispanic, 14% Asian and 0% African American. Approximately 29% of the participants at the 2015 meeting were women.

In designing the formal speakers program, emphasis was placed on current unpublished research and discussion of the future target areas in this field. There was a conscious effort to stimulate lively discussion about the key issues in the field today. Time for formal presentations was limited in the interest of group discussions. In order that more scientists could communicate their most recent results, poster presentation time was scheduled. Attached is a copy of the formal schedule and speaker program and the poster program. In addition to these formal interactions, "free time" was scheduled to allow informal discussions. Such discussions are fostering new collaborations and joint efforts in the field.

Thank you for your support of this Conference. As you know, in the interest of promoting the presentation of unpublished and frontier-breaking research, Gordon Research Conferences does not permit publication of meeting proceedings. If you wish any further details, please feel free to contact me. Thank you.

Sincerely,

Seth Fraden, Conference Chair

Brandeis University

**Soft Condensed Matter Physics
Gordon Research Conference**
Self-Assembly and Active Matter

August 9-14, 2015

Colby-Sawyer College
New London, NH

Chairs: [Seth Fraden](#) & [Jean-Francois Joanny](#)
Vice Chairs: [Zvonimir Dogic](#) & [Michael Brenner](#)

Meeting Description

This Gordon Conference will focus on two topics at the forefront of Soft Condensed Matter Physics: Self-Assembly and Active Matter. Many of the proposed talks are bioinspired. On the one hand, some researchers seek to provide insight into biological function by applying ideas coming from soft matter. On the other hand, other researchers exploit biological principles and phenomena for soft material applications. Topics in self-assembly include biomineralization, virus assembly and assembly of Janus and DNA colloids. Active Matter topics include swimmers, driven colloids, actin and microtubule assembly and tissues.

The conference speakers include global leaders in soft matter, promising junior scientists and leading scientists in materials science and life science whose research overlaps with soft matter. The collegial atmosphere of this Conference, with programmed sessions as well as opportunities for informal gatherings in the afternoons and evenings, provides an avenue for scientists from different disciplines to brainstorm and promotes cross-disciplinary collaborations in the various research areas represented. The conference will be preceded by a two-day Gordon Research Seminar, which is a unique opportunity for young researchers to share in the GRC experience and build informal networks with their peers.

Contributors



Final Meeting Program

Sunday

2:00 pm - 9:00 pm	Arrival and Check-in
6:00 pm	Dinner
7:30 pm - 7:40 pm	Welcome / Introductory Comments by GRC Site Staff
7:40 pm - 9:30 pm	Soft Materials
	Discussion Leader: Emanuela Del Gado (Georgetown University, USA)
7:40 pm - 8:20 pm	Masao Doi (Beihang University, China) "Onsager Reciprocal Relation in Soft Matter Dynamics"
8:20 pm - 8:35 pm	Discussion
8:35 pm - 9:15 pm	Zhigang Suo (Harvard University, USA) "Soft Materials and Soft Machines"

9:15 pm - 9:30 pm Discussion

Monday

7:30 am - 8:30 am Breakfast

9:00 am - 12:30 pm **Bioflow and Biomineralization**

Discussion Leader: **Dave Weitz** (Harvard University, USA)

9:00 am - 9:40 am **Jeffrey Guasto** (Tufts University, USA)
"Shear-Induced Unmixing in Bacterial Suspensions"

9:40 am - 10:00 am Discussion

10:00 am - 10:30 am Coffee Break

10:30 am - 11:10 am **Lia Addadi** (Weizmann Institute of Science, Israel)
"Pathways of Biomineral Formation: From Assembly and Deposition in Soft Tissues to Casting of Functional Materials"

11:10 am - 11:30 am Discussion

11:30 am - 12:10 pm **Peter Fratzl** (Max Planck Institute of Colloids and Interfaces, Germany)
"Bone: How Water, Collagen and Mineral Interact"

12:10 pm - 12:30 pm Discussion

12:30 pm Lunch

1:30 pm - 4:00 pm Free Time

4:00 pm - 6:00 pm Poster Session

6:00 pm Dinner

7:30 pm - 9:30 pm **SuperRubber and Microfluidics**

Discussion Leader: **Annie Colin** (University of Bordeaux, France)

7:30 pm - 8:10 pm **Michael Rubinstein** (University of North Carolina, USA)
"Supersoft, Superelastic, Supertough, and Self-Healing Elastomers"

8:10 pm - 8:30 pm Discussion

8:30 pm - 9:10 pm **Randy Kamien** (University of Pennsylvania, USA)
"Are Smectics Cholesterics or What?"

9:10 pm - 9:30 pm Discussion

Tuesday

7:30 am - 8:30 am Breakfast

9:00 am - 12:30 pm **Liquid Crystals and Self-Assembly**

Discussion Leader: **Hyuk Kyu Pak** (Ulsan National Institute of Science and Technology, South Korea)

9:00 am - 9:40 am **Mark Bowick** (Syracuse University, USA)
"Shape-Shifting Droplet Networks"

9:40 am - 10:00 am Discussion

10:00 am - 10:30 am Group Photo / Coffee Break

10:30 am - 11:10 am **Steve Granick** (Institute of Basic Science, South Korea)
"Living Colloids, Polymers, and Vesicles"

11:10 am - 11:30 am Discussion

11:30 am - 12:10 pm **Michael Hagan** (Brandeis University, USA)
"Mechanisms of Efficient and Specific Virus Assembly"

12:10 pm - 12:30 pm Discussion

12:30 pm Lunch

1:30 pm - 4:00 pm Free Time

4:00 pm - 6:00 pm Poster Session

6:00 pm Dinner

7:30 pm - 9:30 pm **Active Soft Matter**

Discussion Leader: **Wilson Poon** (University of Edinburgh, United Kingdom)

7:30 pm - 8:10 pm **Sriram Ramaswamy** (Tata Institute of Fundamental Research, India)
"Active Soft Matter: An Update"

8:10 pm - 8:30 pm Discussion

8:30 pm - 9:10 pm **Yael Roichman** (Tel Aviv University, Israel)
"Dynamics in Steady State *In Vitro* Acto-Myosin Networks"

9:10 pm - 9:30 pm Discussion

Wednesday

7:30 am - 8:30 am Breakfast

9:00 am - 12:30 pm **Biological Active Matter**

Discussion Leader: **Cristina Marchetti** (Syracuse University, USA)

9:00 am - 9:40 am **Daniel Needleman** (Harvard University, USA)
"Active Mechanics of Spindle Assembly"

9:40 am - 10:00 am Discussion

10:00 am - 10:30 am Coffee Break

10:30 am - 11:10 am **Kineret Keren** (Technion - Israel Institute of Technology, Israel)
"Non-Equilibrium Phase Transition in Reconstituted Acto-Myosin Cortical Networks"

11:10 am - 11:30 am Discussion

11:30 am - 12:10 pm	Lisa Manning (Syracuse University, USA) "Glassiness and Jamming in Biological Tissues"
12:10 pm - 12:30 pm	Discussion
12:30 pm	Lunch
1:30 pm - 4:00 pm	Free Time
4:00 pm - 6:00 pm	<u>Poster Session</u>
6:00 pm	Dinner
7:00 pm - 7:30 pm	<u>Business Meeting</u> <i>Nominations for the Next Vice Chair; Fill in Conference Evaluation Forms; Discuss Future Site and Scheduling Preferences; Election of the Next Vice Chair</i>
7:30 pm - 9:30 pm	Emulsions and Protein Assembly Discussion Leader: Robijn Bruinsma (University of California, Los Angeles, USA)
7:30 pm - 8:10 pm	Anette Hosoi (Massachusetts Institute of Technology, USA) "Arboreal Solutions: Pumps, Diodes, and Valves Inspired by Trees"
8:10 pm - 8:30 pm	Discussion
8:30 pm - 9:10 pm	Todd Yeates (University of California, Los Angeles, USA) "Using Ideas in Symmetry to Design Large Self-Assembling Protein Architectures"
9:10 pm - 9:30 pm	Discussion

Thursday

7:30 am - 8:30 am	Breakfast
9:00 am - 12:30 pm	DNA Assembly Discussion Leader: Paul Chaikin (New York University, USA)
9:00 am - 9:40 am	Daan Frenkel (University of Cambridge, United Kingdom) "Addressable Self Assembly"
9:40 am - 10:00 am	Discussion
10:00 am - 10:30 am	Coffee Break
10:30 am - 11:10 am	Oleg Gang (Brookhaven National Laboratory, USA) "Reverse Engineering in Nanoscale Self-Assembly"
11:10 am - 11:30 am	Discussion
11:30 am - 12:10 pm	Hendrik Dietz (Technische Universität München, Germany) "Dynamic DNA Assemblies Formed by Shape-Complementary, Non-Base Pairing 3D Components"
12:10 pm - 12:30 pm	Discussion
12:30 pm	Lunch

1:30 pm - 4:00 pm Free Time

4:00 pm - 6:00 pm Poster Session

6:00 pm Dinner

7:30 pm - 9:30 pm **Morphogenesis**

Discussion Leader: **Christoph Schmidt** (Georg-August-Universitaet, Germany)

7:30 pm - 8:10 pm **Raymond Goldstein** (University of Cambridge, United Kingdom)

"How a *Vo/vox* Embryo Turns Itself Inside Out"

8:10 pm - 8:30 pm Discussion

8:30 pm - 8:40 pm **Joseph Paulsen** (University of Massachusetts Amherst, USA)

"No Instructions Necessary: Thin Sheets Are Optimal Wrappers of Liquid Drops"

8:40 pm - 8:45 pm Discussion

8:45 pm - 8:55 pm **Qian Chen** (University of Illinois at Urbana-Champaign, USA)

"3D Motion of DNA-Au Nano-Conjugates in Graphene Liquid Cell Electron Microscopy"

8:55 pm - 9:00 pm Discussion

9:00 pm - 9:20 pm General Discussion: Meeting Overview and Outlook: Key Scientific Problems Facing the Soft Matter Research Community

9:20 pm - 9:30 pm Closing Remarks

Friday

7:30 am - 8:30 am Breakfast

9:00 am Departure

Soft Condensed Matter Physics (2015)

Name	Organization	Participation	Status
Addadi, Lia	Weizmann Institute of Science	Speaker	Registered
Aegerter, Christof M	University of Zurich	Poster Presenter	Registered
Aliaskarisohi, Saeedeh	Max Planck Institute	Attendee	Registered
Amuasi, Henry E.	Institute for Theoretical Physics	Poster Presenter	Registered
Audus, Debra	National Institute of Standards and Technology	Poster Presenter	Registered
Azadi, Amir	University of Massachusetts	Poster Presenter	Registered
Balchunas, Andrew J	Brandeis University	Poster Presenter	Registered
Baljon, Arlette R	San Diego State University	Poster Presenter	Registered
Banerjee, Shiladitya	The University of Chicago, James Franck Institute	Poster Presenter	Registered
Banigan, Edward J	Northwestern University	Poster Presenter	Registered
Basu, Anindita	Broad Institute of MIT and Harvard	Poster Presenter	Registered
Beller, Daniel A	Harvard University	Poster Presenter	Registered
Bi, Dapeng	Syracuse University	Poster Presenter	Registered
Blair, Daniel L	Georgetown University	Poster Presenter	Registered
Blossey, Ralf	CNRS UMR8576	Poster Presenter	Registered
Bougis, Kevin	CRPP-CNRS, University of Bordeaux	Poster Presenter	Registered
Bowick, Mark J	Syracuse University	Speaker	Registered
Brangwynne, Cliff	Princeton University	Attendee	Registered
Bruinsma, Robijn F	University of California, Los Angeles	Discussion Leader	Registered
Brunet, Annael	Laboratoire de Physique Théorique and Institut de Pharmacologie et de Biologie Structurale	Poster Presenter	Registered
Bruot, Nicolas	Université Claude Bernard Lyon 1	Poster Presenter	Registered
Buttinoni, Ivo	ETH Zürich	Poster Presenter	Registered
Cai, Liheng	Harvard University	Poster Presenter	Registered
Chaikin, Paul M	New York University	Discussion Leader	Registered
Chakraborty, Bulbul	Brandeis University	Poster Presenter	Registered
Chen, Qian	University of Illinois at Urbana-Champaign	Poster Presenter	Registered
Chen, Zi	Dartmouth College	Poster Presenter	Registered
Cheng, Shengfeng	Virginia Tech	Poster Presenter	Registered
Cheng, Xiang	University of Minnesota	Poster Presenter	Registered
Chu, Fang-Yi	New York University	Poster Presenter	Registered
Cohn, Robert W	University of Louisville	Poster Presenter	Registered
Colin, Annie	University of Bordeaux	Discussion Leader	Registered
Copenhagen, Katherine	University of California, Merced	Poster Presenter	Registered
Copp, Stacy M	UC-Santa Barbara	Poster Presenter	Registered
Curk, Tine	University of Cambridge	Poster Presenter	Registered
Decamp, Stephen J	Brandeis University	Poster Presenter	Registered
Deforet, Maxime	Memorial Sloan Kettering Cancer Center	Poster Presenter	Registered
Del Gado, Emanuela	Georgetown University	Discussion Leader	Registered

Dey, Krishna K	The Pennsylvania State University	Poster Presenter	Registered
Diaz-Leyva, Pedro	Universidad Autonoma Metropolitana - Iztapalapa	Poster Presenter	Registered
Dietz, Hendrik	Technische Universität München	Speaker	Registered
Dobnikar, Jure	Beijing University of Chemical Technology	Poster Presenter	Registered
Dogic, Zvonimir	Brandeis University	Vice Chair	Registered
Doi, Masao	Beihang University	Speaker	Registered
Dotera, Tomonari	Kinki University	Poster Presenter	Registered
Driscoll, Michelle M	New York University	Poster Presenter	Registered
Dullens, Roel	University of Oxford	Poster Presenter	Registered
Fakhri, Nikta	MIT	Poster Presenter	Registered
Fan, Jing	Harvard University	Poster Presenter	Registered
Foster, Peter J	Harvard University	Poster Presenter	Registered
Fraden, Seth	Brandeis University	Chair	Registered
Fratzl, Peter	Max Planck Institute of Colloids and Interfaces	Speaker	Registered
Frenkel, Daan	University of Cambridge	Speaker	Registered
Gagnon, David	University of Pennsylvania	Poster Presenter	Registered
Gang, Oleg	Brookhaven National Laboratory	Speaker	Registered
Glatz, Andreas	Argonne National Laboratory	Poster Presenter	Registered
Goldstein, Raymond E	University of Cambridge	Speaker	Registered
Goldstein, Daniel G	Brandeis University	Attendee	Registered
Goodrich, Carl P	University of Pennsylvania	Poster Presenter	Registered
Gordon, Vernita D	The University of Texas at Austin	Poster Presenter	Registered
Granick, Steve	Institute of Basic Science	Speaker	Registered
Guasto, Jeffrey S	Tufts University	Speaker	Registered
Hagan, Michael	Brandeis University	Speaker	Registered
Hall, Doug M	University of Massachusetts Amherst	Poster Presenter	Registered
Hecht, Fabian M	Technische Universität München E27	Poster Presenter	Registered
Hocky, Glen M	University of Chicago	Poster Presenter	Registered
Hood, Kaitlyn	UCLA	Poster Presenter	Registered
Horowitz, Viva R	Harvard University	Poster Presenter	Registered
Horsley, Eric	University of Pennsylvania	Poster Presenter	Registered
Hosoi, Anette	Massachusetts Institute of Technology	Speaker	Registered
Jacobs, William M	Harvard University	Poster Presenter	Registered
Jamali, Vida	Rice University	Poster Presenter	Registered
Jeong, Joonwoo	Ulsan National Institute of Science and Technology, South Korea	Poster Presenter	Registered
Jiao, Fang	East China Normal University	Poster Presenter	Registered
Joanny, Jean-Francois	Institut Curie	Chair	Registered
Juniper, Michael	Brandeis University	Poster Presenter	Registered
Kamien, Randy	University of Pennsylvania	Speaker	Registered
Kandula, Hima Nagamanasa	Institute for Basic Science	Poster Presenter	Registered
Kaplan, C. Nadir	Harvard University	Poster Presenter	Registered
Kawaguchi, Kyogo	Harvard Medical School	Poster Presenter	Registered

Keber, Felix	Technical University Munich	Poster Presenter	Registered
Keren, Kineret	Technion - Israel Institute of Technology	Speaker	Registered
Kim, Oleg	University of Notre Dame	Poster Presenter	Registered
Kornreich, Micha H	Tel Aviv University	Poster Presenter	Registered
Kosmrlj, Andrej	Harvard University	Poster Presenter	Registered
Kozina, Anna	Instituto de Quimica	Poster Presenter	Registered
Kraft, Daniela J	Leiden University	Poster Presenter	Registered
Kurt, Burcu	Chemistry Department	Poster Presenter	Registered
Lahini, Yoav	Harvard University	Poster Presenter	Registered
Lavine, Marc S	Science Magazine	Attendee	Registered
Lettinga, Pavlik	Forschungszentrum Jülich	Poster Presenter	Registered
Liang, Dehai	Peking University	Poster Presenter	Registered
Malka-Gibor, Eti	Tel Aviv University	Poster Presenter	Registered
Maloney, Craig E	Northeastern University	Poster Presenter	Registered
Manning, Lisa	Syracuse University	Speaker	Registered
Manoharan, Vinothan N	Harvard University	Attendee	Registered
Mao, Xiaoming	University of Michigan	Poster Presenter	Registered
Marchetti, Cristina	Syracuse University	Discussion Leader	Registered
Markovich, Tomer	Tel Aviv University	Poster Presenter	Registered
McManus, Jennifer J	National University of Ireland Maynooth	Attendee	Registered
Middleton, Christine	New York University	Attendee	Registered
Miller, Joia	Brandeis University	Poster Presenter	Registered
Murugan, Arvind	University of Chicago	Poster Presenter	Registered
Naegele, Gerhard	Forschungszentrum Juelich	Poster Presenter	Registered
Navailles, Laurence	CNRS - Centre de Recherche Paul Pascal	Attendee	Registered
Needleman, Daniel	Harvard University	Speaker	Registered
Nordstrom, Kerstin N	Mount Holyoke College	Poster Presenter	Registered
Oh, Joonsuk	New York University	Attendee	Registered
Olmsted, Peter D	Georgetown University	Poster Presenter	Registered
Opathalage, Achini	Brandeis University	Poster Presenter	Registered
Pak, Hyuk Kyu	Ulsan National Institute of Science and Technology	Discussion Leader	Registered
Palacci, Jeremie	UCSD	Attendee	Registered
Palit, Swomitra	Memorial University of Newfoundland	Poster Presenter	Registered
Park, Pyeong Jun	Korea National University of Transportation	Poster Presenter	Registered
Patteson, Alison E	University of Pennsylvania	Poster Presenter	Registered
Paulsen, Joseph D	University of Massachusetts	Poster Presenter	Registered
Pine, David J	New York University	Attendee	Registered
Poon, Wilson K	University of Edinburgh	Discussion Leader	Registered
Putzig, Elias F	Brandeis University Physics Department	Poster Presenter	Registered
Qin, Jian	University of Chicago	Poster Presenter	Registered
Qiu, Zhanlong	University of Massachusetts Amherst	Poster Presenter	Registered
Ramaswamy, Sriram	Tata Institute of Fundamental Research	Speaker	Registered

Reichhardt, Charles M	Los Alamos National Laboratory	Discussion Leader	Registered
Riest, Jonas	Forschungszentrum Juelich	Poster Presenter	Registered
Rogers, William B	Harvard University	Poster Presenter	Registered
Roichman, Yael	Tel Aviv University	Speaker	Registered
Ross, Jennifer	University of Massachusetts Amherst	Poster Presenter	Registered
Royer, John R	National Institute of Standards	Poster Presenter	Registered
Rubinstein, Michael	University of North Carolina	Speaker	Registered
Saccana, Stefano	NYU	Discussion Leader	Registered
Santangelo, Christian D	UMass Amherst	Poster Presenter	Registered
Santiago, Ibon	University of Oxford	Poster Presenter	Registered
Saric, Andela	University of Cambridge	Poster Presenter	Registered
Schade, Nicholas B	Harvard University	Poster Presenter	Registered
Schmidt, Christoph F	Georg-August-Universitaet	Discussion Leader	Registered
Schneider, Tobias M	EPFL Lausanne	Poster Presenter	Registered
Schreck, Carl	University of California, Berkeley	Poster Presenter	Registered
Schulman, Rebecca B	Johns Hopkins University	Poster Presenter	Registered
Schütz, Simon	Ecole Polytechnique Federale de Lausanne (EPFL)	Poster Presenter	Registered
Schwenger, Walter J	Brandeis University	Poster Presenter	Registered
Shaharabani, Rona	Tel Aviv University	Poster Presenter	Registered
Shendruk, Tyler N	University of Oxford	Poster Presenter	Registered
Siavashpouri, Mahsa	Brandeis University	Poster Presenter	Registered
Snezhko, Alexey	Argonne National Laboratory	Poster Presenter	Registered
Sokoloff, Jeffrey B	Northeastern University	Poster Presenter	Registered
Soni, Harsh	Brown University	Poster Presenter	Registered
Souslov, Anton	Georgia Institute of Technology	Poster Presenter	Registered
Suo, Zhigang	Harvard University	Speaker	Registered
Sussman, Daniel M	University of Pennsylvania	Poster Presenter	Registered
Swan, James W	Massachusetts Institute of Technology	Poster Presenter	Registered
Tanaka, Hidenori	School of Engineering and Applied Sciences, Harvard University	Poster Presenter	Registered
Thomas, Katherine R	Physical Review Letters	Attendee	Registered
Thutupalli, Shashi	Princeton University	Poster Presenter	Registered
Tkachenko, Alexei V	Brookhaven National Laboratory	Poster Presenter	Registered
Trappe, Veronique M	University of Fribourg	Attendee	Registered
Urbach, Jeffrey S	Georgetown University	Attendee	Registered
Uzumcu, Ahmet Talha	Polymer Science And Technology Programme	Poster Presenter	Registered
Van Blaaderen, Alfons	Utrecht University, Debye Institute	Attendee	Registered
van Drongelen, Ruben R	Delft University of Technology	Poster Presenter	Registered
Vlahovska, Petia M	Brown University	Poster Presenter	Registered
Waisbord, Nicolas	Tufts University	Poster Presenter	Registered

Wang, Wei	Harbin Institute of Technology, Shenzhen Campus	Poster Presenter	Registered
Wang, Shenshen	MIT	Poster Presenter	Registered
Weirich, Kimberly L	University of Chicago	Poster Presenter	Registered
Weitz, Dave	Harvard University	Discussion Leader	Registered
Wild, Thomas	The University of Leeds	Poster Presenter	Registered
Wise, Nicola	The Royal Society of Chemistry	Attendee	Registered
Wu, Kun-Ta	Brandeis University	Attendee	Registered
Yan, Jing	Princeton University	Poster Presenter	Registered
Yeates, Todd O	University of California, Los Angeles	Speaker	Registered
Yethiraj, Anand	Memorial University of Newfoundland	Poster Presenter	Registered
Zeravcic, Zorana	Rockefeller University	Attendee	Registered
Zhang, Jie	University of Illinois at Urbana Champaign	Poster Presenter	Registered
Zhao, Jiang	Institute of Chemistry, Chinese Academy of Science	Poster Presenter	Registered
Zhou, Shuang	Kent State University	Poster Presenter	Registered
Zwicker, David	Harvard University	Poster Presenter	Registered
177 Attendees			